

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
PGPB	l14 near antibod\$3	0	<u>L16</u>
PGPB	anti adj l14	0	<u>L15</u>
PGPB	erythropoietin or EPO or hEPO	116	<u>L14</u>
JPAB,EPAB,DWPI	l11 and @pd<19900724	50	<u>L13</u>
JPAB,EPAB,DWPI	l11 and @ad<19900724	63	<u>L12</u>
JPAB,EPAB,DWPI	l9 or l10	189	<u>L11</u>
JPAB,EPAB,DWPI	l8 and antibod\$3	189	<u>L10</u>
JPAB,EPAB,DWPI	anti adj l8	14	<u>L9</u>
JPAB,EPAB,DWPI	erythropoietin or EPO or hEPO	1353	<u>L8</u>
USPT	l6 and (peptide or polypeptide)	3	<u>L7</u>
USPT	l5 and @ad<19900724	4	<u>L6</u>
USPT	l3 same l4	25	<u>L5</u>
USPT	neutrali\$6 near5 antibod\$3	5244	<u>L4</u>
USPT	l1 or l2	10732	<u>L3</u>
USPT	erythropoietin	2817	<u>L2</u>
USPT	erythropoietin or EPO or hEPO	8756	<u>L1</u>

L5 ANSWER 16 OF 16

MEDLINE

DUPLICATE 8

ACCESSION NUMBER: 84257968 MEDLINE

DOCUMENT NUMBER: 84257968 PubMed ID: 6378274

TITLE: Hybridomas for production of **monoclonal antibodies to human erythropoietin.**

AUTHOR: Yanagawa S; Yokoyama S; Hirade K; Sasaki R; Chiba H; Ueda M; Goto M

SOURCE: BLOOD, (1984 Aug) 64 (2) 357-64.
Journal code: A8G; 7603509. ISSN: 0006-4971.

PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 198408

ENTRY DATE: Entered STN: 19900320

Last Updated on STN: 19900320

Entered Medline: 19840828

AB Human urinary erythropoietin has been highly purified by a combination of conventional purification methods and immunoadsorbent columns packed with hybridoma-produced antibodies against contaminants that seemed difficult to separate from erythropoietin by the usual means. By using the partially purified erythropoietin as an antigen, three hybridoma clones have been obtained that secrete monoclonal antibodies against erythropoietin. One of the clones has been quite stable, with a rapid growth rate and high production of antibody. Western blotting technique with monoclonal antibodies revealed occurrence of two species of erythropoietin. The monoclonal antibody will be useful as a probe for the purification of erythropoietin and for further studies of the hormone and its mechanism of action.